

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION

TRADE NAME: CONCRETE BONDING ADHESIVE
 CHEMICAL FAMILY/SYNONYMS: POLYVINYL ACETATE EMULSION
 MANUFACTURER: W. R. BONSAL COMPANY, P.O. BOX 241148, CHARLOTTE, N. C. 28224
 EMERGENCY PHONE: (704) 525-1621 Mr. Fred Goeman

SECTION II - HAZARDOUS INGREDIENTS

DESCRIPTION	CAS #	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE (MM HG)
			TLV	PEL	
POLYVINYL ACETATE	PROPRIETARY	<50	NOT EST - NON TOXIC OR HAZARDOUS		
WATER	7732-18-5	<60	NON TOXIC OR HAZARDOUS		
BUTYL BENZYL PHTHALATE	85-68-7	2.2	5 mg/m ³		
EMULSIFIER	PROPRIETARY	2-4	NE		
ETHYLENE GLYCOL	107-21-1	<.5	50 ppm		
DIETHYLENE GLYCOL	111-46-6	<.5	NE		
TALC	14807-96-6	<.5	2 mg/m ³		

SECTION III - PHYSICAL DATA

BOILING POINT (°F)	212°	SPECIFIC GRAVITY (H ₂ O=1)	1.06
VAPOR PRESSURE (mmHg.)	NA	% VOLATILE BY VOLUME (%)	59-62
VAPOR DENSITY (AIR=1)	Lighter	EVAPORATION RATE	
SOLUBILITY IN WATER:	Dilutable		

APPEARANCE & ODOR: Milky, white or pink with faint odor.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: None to boiling FLAMMABLE LIMITS

EXTINGUISHING MEDIA: For dry solids use water, foam, CO₂, or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to keep fire exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers exposed to extreme heat may rupture due to pressure build up.

Prepared By:

Friedrich Goeman
 Friedrich Goeman

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 5mg/m³ FOR BENZYL PHTHALATE

EFFECTS OF OVEREXPOSURE: May cause skin or eye irritation upon prolonged or repeated contact.

EMERGENCY FIRST AID: Eyes: Hold lids apart, flush with GENTLE stream of water for 15 minutes. See a physician. Wash thoroughly with soap and water after use. If ingested, drink 2-3 cups of milk, fruit juice or water. If unusual symptoms develop, seek medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE _____ STABLE X
CONDITIONS TO AVOID: NA

INCOMPATABILITY (MATERIALS TO AVOID): NA

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield CO₂ and/or trace of monomer.

HAZARDOUS POLYMERIZATION: MAY OCCUR _____ WILL NOT OCCUR X
CONDITIONS TO AVOID: NA

SECTION VII - SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with water into suitable retaining area or container. Small amount of spilled material may be absorbed. Prevent spilled material from entering sewers, storm drains.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable local, county, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (TYPE): NIOSH approved, if vapor concentration exceeds time weighted TLV.

VENTILATION: Local Exhaust: _____ Special: NA

Mechanical: Yes to within time wtd. TLV Other: _____

PROTECTIVE GLOVES: Yes, Rubber

EYE PROTECTION: Safety glasses, goggles, face shield.

OTHER PROTECTIVE EQUIPMENT:

Eye washers, safety showers, long sleeve clothing.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN HANDLING AND STORING: Keep containers cool, dry and away from sources of ignition. Use and store with adequate ventilation. Keep containers closed.

OTHER PRECAUTIONS: Do not allow to freeze or subject to extreme temperature variations.